

OPEN FILE REPORT 78-039
PLATE 22 OF 69

EXPLANATION

NON-FEDERAL COAL LAND--Land for which the Federal Government does not own the coal rights.

BOUNDARY OF RESERVE BASE
COAL--Drawn along the outcrop of coal bed or the contact between burned and unburned coal where the coal bed is 5 feet (1.5 m) or more thick, and the 5-foot (1.5 m) coal isopach. Arrows point toward area of Reserve Base coal.

STRIPPING-LIMIT LINE--Boundary for surface mining of the coal bed (in this quadrangle, the 200-foot-overburden isopach). Arrows point toward the area suitable for surface mining. Recovery factor of 85 percent within that area in this quadrangle.

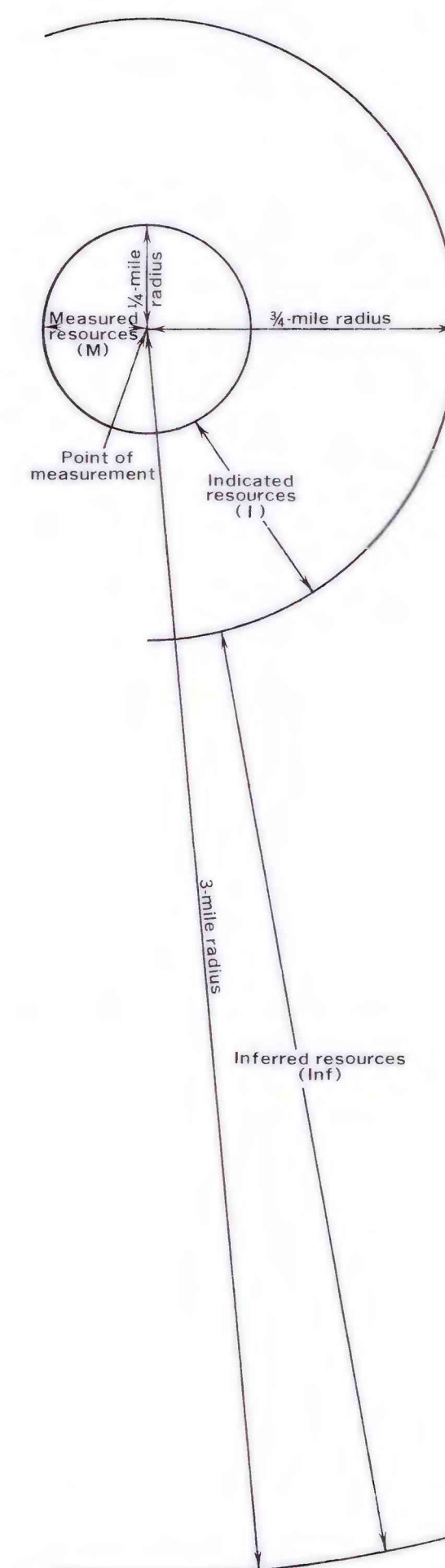
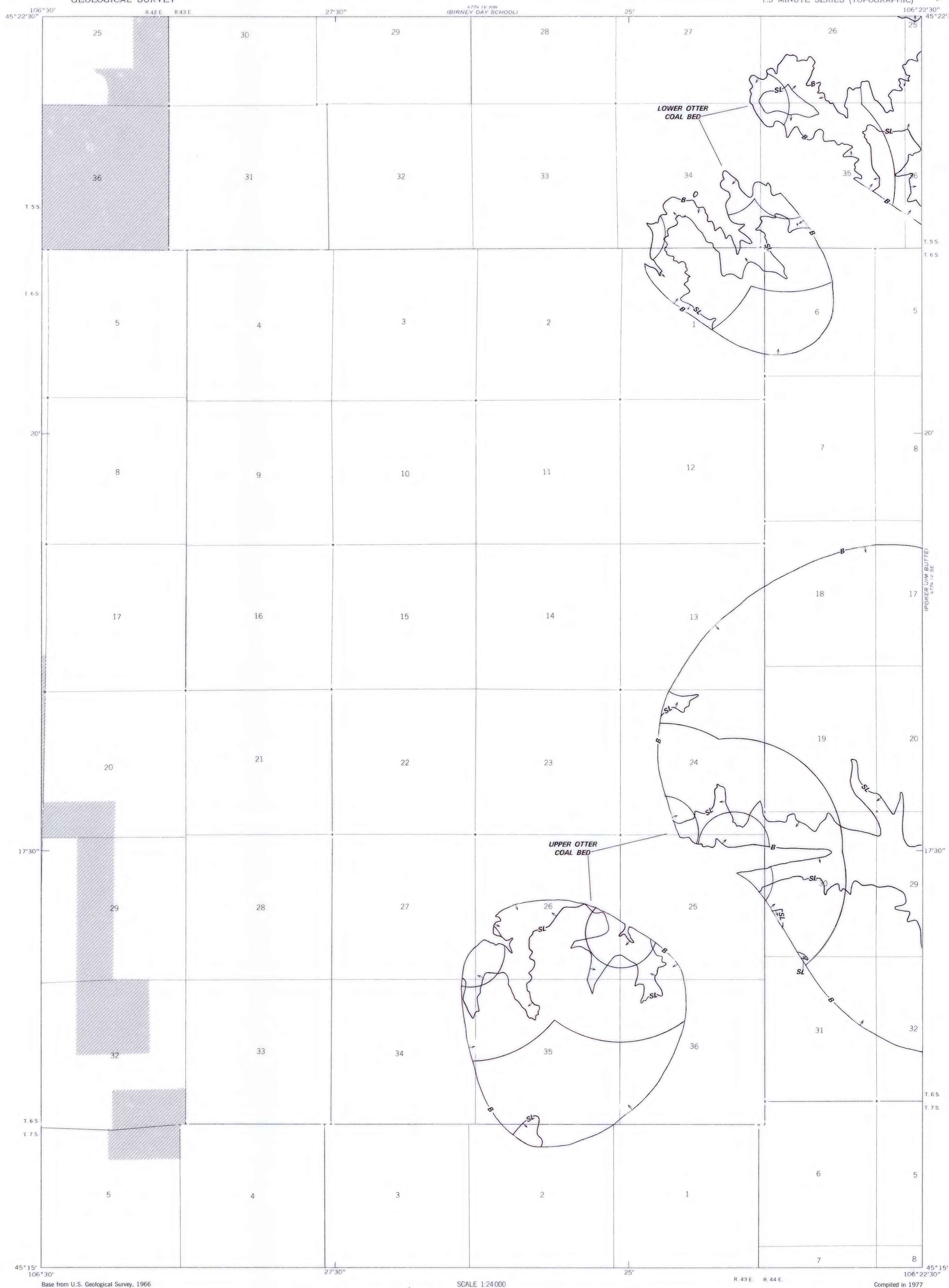


DIAGRAM SHOWING COMPONENT AREAS
OF IDENTIFIED COAL RESOURCES--
Shows arcuate boundary lines
enclosing areas of measured,
indicated, and inferred coal
resources. Boundaries of
areas are dashed where pro-
jected from an adjacent
quadrangle. Areas of infer-
red resources may be present
on this map without their
outer boundaries being shown.

To convert miles to kilometers, multiply miles by 1.6.



**COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE
BROWNS MOUNTAIN QUADRANGLE, ROSEBUD COUNTY, MONTANA**

BY
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PLATE 22
AREAL DISTRIBUTION OF
IDENTIFIED RESOURCES
IN THE UPPER AND LOWER
OTTER COAL BEDS